



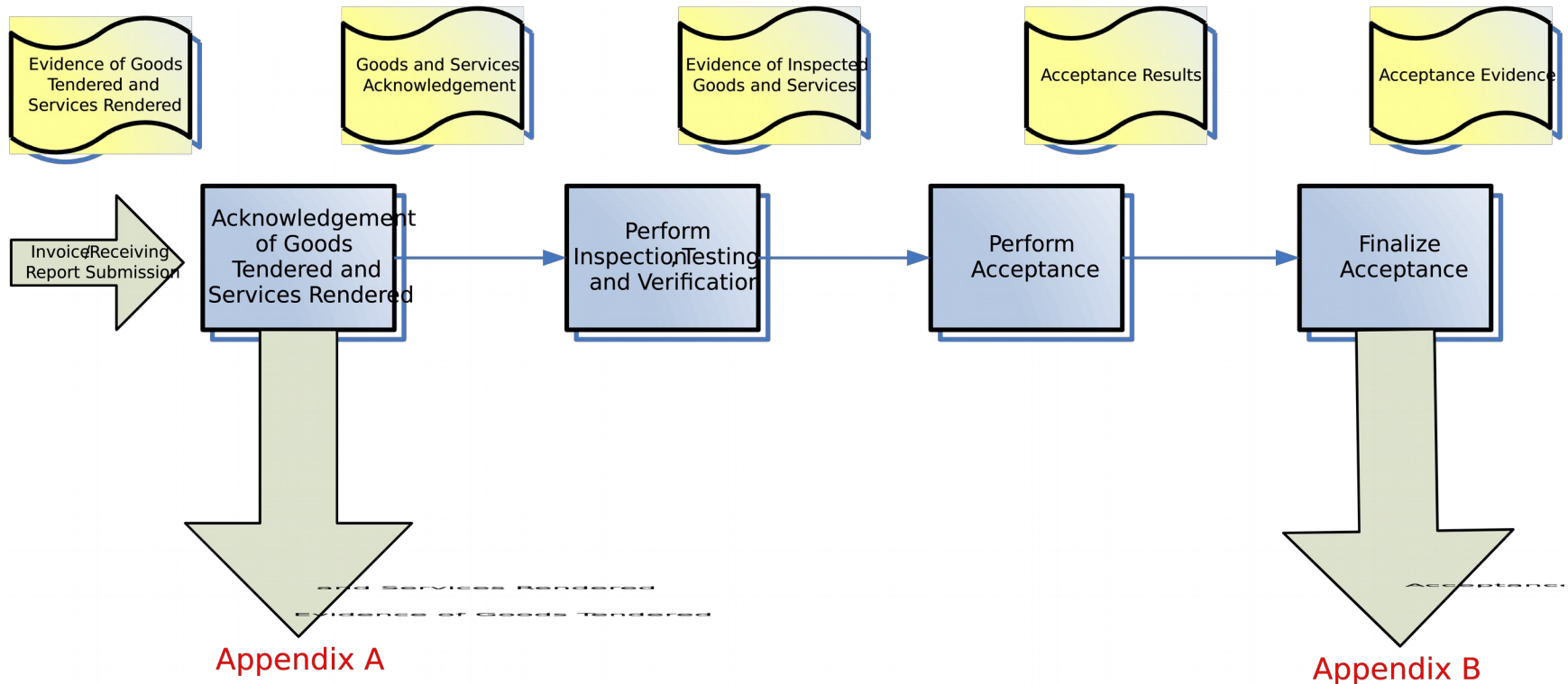
WAWF & Standard Transactions – Phase 1

Kim Pisall
19 September 2007

- Describe rationale and policy for standard transaction processing and compliance requirements
- Deliver guidance for steps necessary for proper implementation of standard transactions

- BEA Operational View – Receipt and Acceptance
- WAWF System View
- Benefits of Using WAWF
- Benefits of Standard Shipment and Acceptance Transactions
 - Evidence of Goods Tendered / Services Rendered
 - Acceptance Evidence
 - External Acceptance Evidence
- Getting in the Queue – overview of steps to receive/send standard transactions
- Receipt and Acceptance IRB Condition
 - How Do Systems Comply?
- Receipt and Acceptance Policy

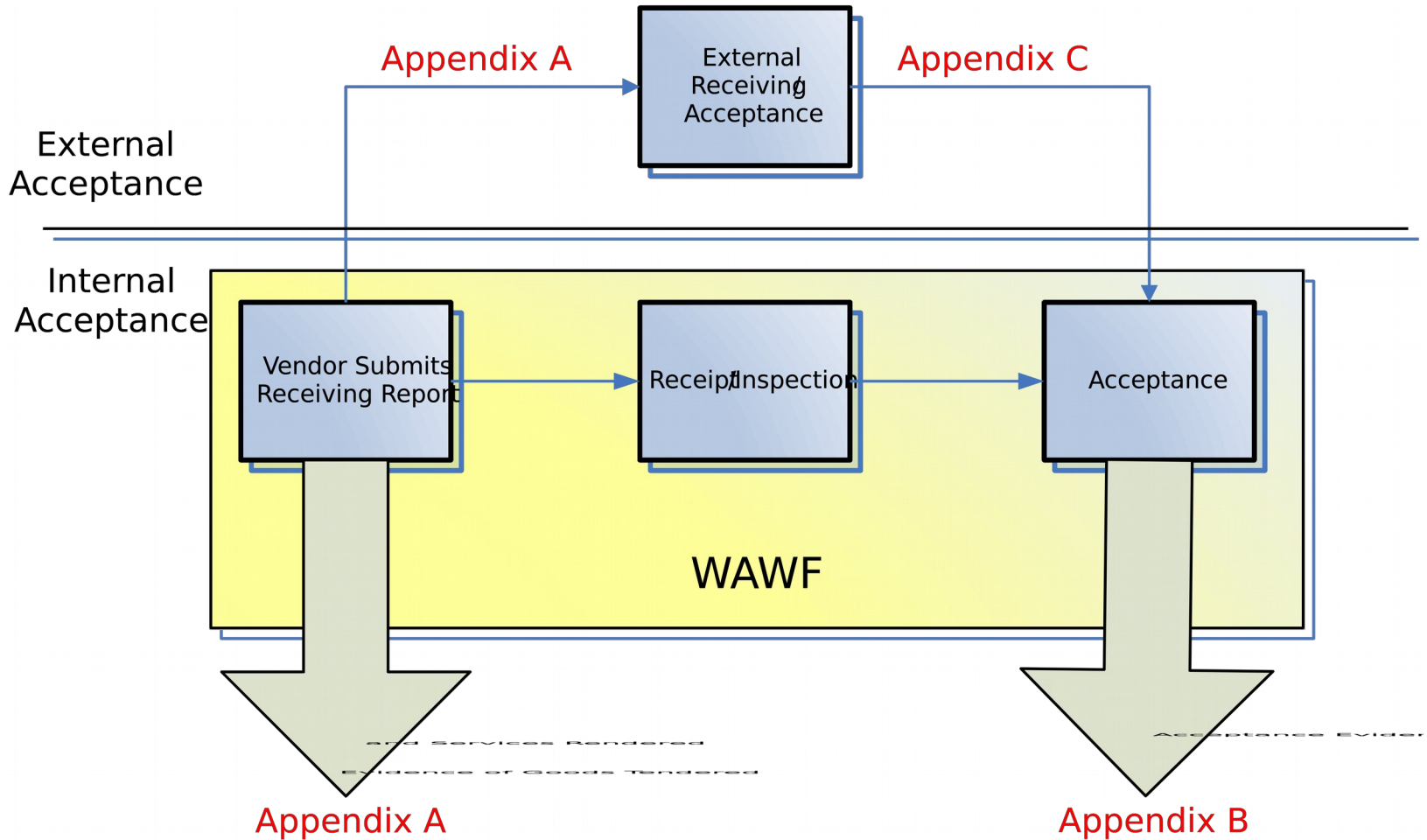
Business Enterprise Architecture Operations View – Receipt and Acceptance



Benefits of WAWF Standard Transactions

- Enable systems requiring a WAWF interface to come on-line outside of a WAWF release by simply working with the Global Exchange (GEX) to determine mapping needs
- Functionality is built once, and any new system requiring WAWF data can utilize existing data sets to “plug and play”
 - Use of one single dataset for each business process step will streamline WAWF and eliminate the need to maintain numerous interface requirements
 - Simplifies the deployment of WAWF to new ERP systems by providing minimal wait time to interface and greatly reducing the cost of implementation
- Provides DoD the ability for enterprise level decision making through aggregation of acceptance data
- Provides a process that enables component specific acceptance processing within the ERPs but defines standard data and processes for the enterprise layer touch points
- Interim environment has the ability to post accounts payable (A/P) in accordance with GAAP until the full capability is available in the target ERP environment.

WAWF System View



Evidence of Goods Tendered / Services Rendered

- The data defined in Appendix A, Evidence of Goods Tendered / Services Rendered, will be available if resident within WAWF upon vendor document submission
 - The data defined in Appendix A will correspond to the a BEA data object of the same name in BEA release 5.0
 - SFIS Element O3, Agency Accounting Identifier, and its aliases will be pre-populated from EDA for legacy SPS LLA data feeds
 - The element will be pulled from the LLA according to a single component-specific mapping logic
 - RFID data will be made available for business intelligence capability within the DAAS system
 - A copy of the transaction will be routed to DAAS without changing the flow to and from the receiving system

Acceptance Evidence

- The data defined in Appendix B, Acceptance Evidence, will be available if resident within WAWF upon acceptance of a receiving reports and combos, or approval of an Invoice 2n1
 - The data defined in Appendix B will correspond to a BEA data object of the same name in BEA release 5.0
 - IUID data will be made available for business intelligence capability for all Evidence of Goods Tendered / Services Rendered Data Sets

All mandatory data for external acceptance as defined in Appendix C, External Acceptance Evidence Data Set, will be required from external acceptance systems

- The data defined in Appendix C will correspond to a BEA data object of the same name in BEA release 5.0
- WAWF will provide the capability for acceptance by box or acceptance by shipment to facilitate maximum interoperability with existing DoD processes and systems
 - Acceptance by box: Rejected/Suspended Quantity is defined as quantity received minus quantity accepted
 - Acceptance by shipment: Rejected/Suspended Quantity is defined as quantity shipped minus quantity accepted
- The external acceptance process will NOT facilitate the ability for the external acceptance system to update the accounting data fields
- IUID data will be made available for business intelligence capability

Implementation Tasks

- The following steps need to be taken, in sequence, to enable an interface partner to obtain standard transactions. The slides following give more detail for each step.
 1. Complete part 1 of the Defense Sourcing Portfolio (DSP) Engineering Change Proposal (ECP) Form
 2. Determine if source of contract data is posting data into Electronic Document Access (EDA)
 3. Determine options for acceptance
 4. Determine the process step at which data is required
 5. Determine if transaction(s) is for workflow, informational process, and/or an Agency Accounting Identifier update
 6. Determine data routing needs
 7. Determine data content
 8. Determine data format
 9. Complete part 2 of the DSP ECP Form
 10. Complete Interface Control Agreement between the component CIO and BTA
 11. Coordinate testing and release schedule
 12. Implement in Production

Complete part 1 of the DSP ECP Form

- The DSP Requirement ECP Form captures the necessary data required for an accurate analysis based on enterprise priorities.
- The fields on the ECP Form collect additional pertinent information needed by system stakeholders.
- Personnel completing the template should submit the requirement with the most accurate and complete information available at that point in time.
- Once completed and submitted, the ECP will be prioritized and sent forward for completion.

Defense Sourcing Portfolio Engineering Change Proposal Form
Change Log

Date	Block	Description

Part I

Section 1 General Information		
^{1a} Short Title of Change Request:	^{1b} ECP#:	^{1c} Date Submitted:
² Agency/Submitter:		
^{4A} System Administrator Name:	Telephone:	email:
^{4B} Technical POC Name:	Telephone:	email:
^{4C} Functional POC Name:	Telephone:	email:
⁵ Principal Staff Assistant:	Telephone:	email:
Check the appropriate office: <input type="checkbox"/> OUSD(C) <input type="checkbox"/> OUSD(P&R) <input type="checkbox"/> OUSD(AT&L) <input type="checkbox"/> OUSD(SCI)		

Section 2 Functional Impacts			
⁶ Provide a description of the requirement:			
⁷ Summarize the impact/rationale for the capabilities achieved by this ECP:			
⁸ Indicate whether this ECP achieves new functionality or is it an enhancement. <input type="checkbox"/> New Functionality <input type="checkbox"/> Enhancement Please summarize:			
⁹ Is this ECP replacing existing capabilities?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If yes, please explain:
¹⁰ Will this new functionality or enhancement require training for end users?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If yes, please explain and describe any potential training materials if they would be necessary:

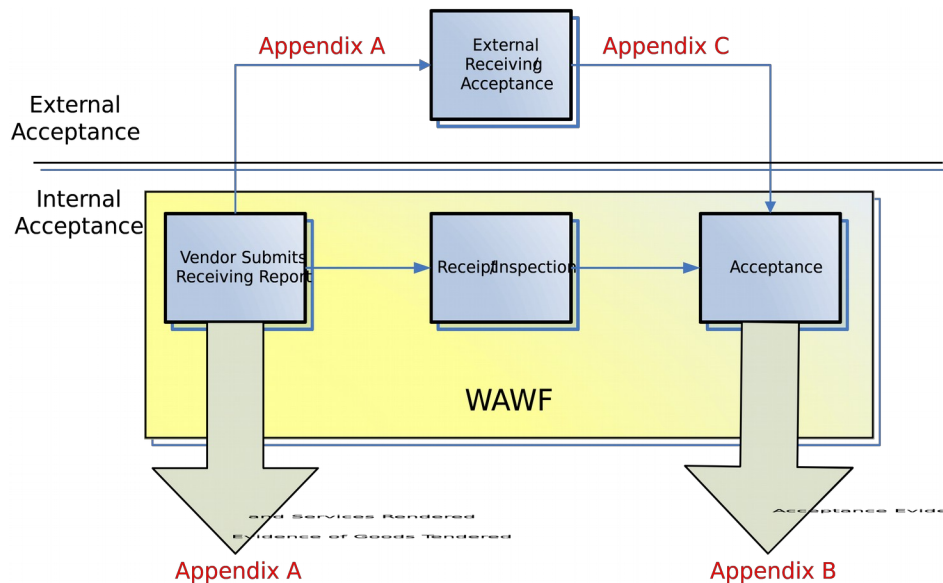
Determine if source of contract data is posting data into (EDA)

- As part of C2D phase 2 (released August 2007) all contract writing systems that can use the existing EDA XML schema and can perform contract conformance are able to post data into EDA
- Contract Data posted into EDA can be pre-populated into WAWF invoices and receiving reports
- Facilitates increased accuracy of receipt and acceptance data, allowing for more efficient vendor payment
- Increasing the movement of contract to data will move the Department to full deployment of end to end data processing in accordance with the President's Management Agenda. [1]
- The alignment and integration of data is key to the primary goal of CSE to simplify and standardize the methods that Department uses to interact with commercial and government suppliers.[2]

Determine Options for Acceptance

- Interface partners with acceptance roles have two options for acceptance
 - Use the acceptance capability within WAWF (**internal acceptance**)
 - Receive shipment data from WAWF and pass the acceptance data back into WAWF (**external acceptance**)
- There are two acceptable options for performing external acceptance within the scope of the standard transactions
 - **External Acceptance by Shipment** - the transaction cannot be sent until the shipment is received in full
 - Acceptable to facilitate the interim environment
 - **External Acceptance by Box** - the Acceptor can perform acceptance at the line item level, but does not have to accept the entire line item
 - Enables acceptance to be sent in real time
 - Corrections or cancellations can be made up until the point where the acceptance transaction is received in WAWF
 - This method is the preferred method for the target environment, per the BEA

Determine the Process Step at Which Data is Required



➤ Evidence of Goods Tendered, Services Rendered - the point in the process at which there is an indication that goods have been tendered or services have been rendered

➤ "Pack Later" - "Pack Later" functionality enables a Vendor to create and submit a document and return later to create the packaging information, as it pertains to RFID. If the "Pack Later" option is chosen, the shipment data will flow once Pack Data is provided for Destination Acceptance

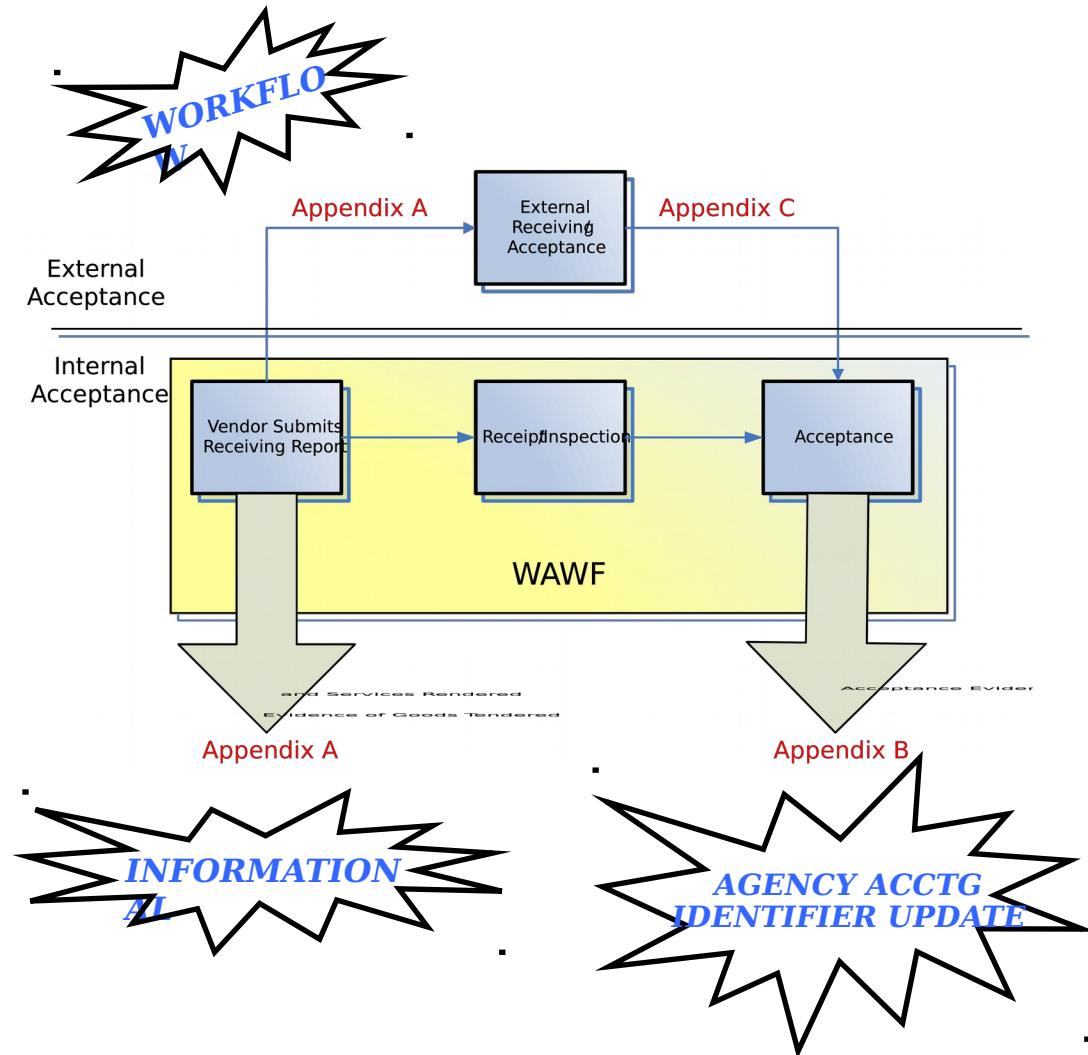
➤ Acceptance - The act of assuming ownership of legal title and accountability of goods tendered and services rendered

Determine if Transaction is Workflow, Informational, or Accounting

➤ Workflow transactions will be routed to an identified role/location in a system that will take action

➤ Informational transactions will be routed to an identified role/location in a system where no action will be taken

➤ Agency Accounting Identifier update transactions contain the same data content as informational transactions, but are sent to accounting systems



Determine Data Routing Needs

- Transactions coming out of WAWF can be routed using one of several data elements
 - Any DoDAAC
 - Agency Accounting Identifier (SFIS element O3, or its aliases)
- All external systems will have to identify a role within the workflow that equates to their interest
 - Admin By
 - Issue By
 - Inspector
 - Ship To
 - Pay Official
 - Accept at Other location
 - Accounting Location to get accounting updates

Routing Identifier	Appendix A Evidence of Goods Tendered / Services Rendered		Appendix B Acceptance Evidence		Appendix C External Acceptance Evidence
	<i>Informational</i>	<i>Workflow</i>	<i>Informational*</i>	<i>Agency Accounting Identifier update</i>	<i>Workflow</i>
Ship To DoDAAC	Material Visibility, Transportation Visibility, RFID data	Information for External Acceptance	IUID Data	Not Available	If a Workflow Evidence of Goods Tendered, Services Rendered transaction is selected, this is mandatory. Notification of external acceptance at shipment location is sent back to WAWF
Pay DoDAAC	Possible Work-Around	Not Available	Entitlement	Not Available	Not Available
Issue By DoDAAC	ICP item management*	Not Available	ICP item management	Not Available	Not Available
Admin By DoDAAC	Contract Administration on Destination (notice of shipment)	Not Available	Contract Administration on Destination (notice of shipment)	Not Available	Not Available
Inspect By DoDAAC	Contract Administration for Source (ready for inspection)	Not Available	Contract Administration for Source (ready for inspection)	Not Available	Not Available

Determine Data Content

- All new interfacing partners must review the data elements listed in the appendices*
- Phase 1 Appendices include BEA compliant data elements, definitions, and associated WAWF business rules for the following transactions:
 - Appendix A: Evidence of Goods Tendered / Services Rendered
 - Appendix B: Acceptance Evidence
 - Appendix C: External Acceptance Evidence
- The interface partner should use these appendices for determining the corresponding data elements in the receiving system to facilitate mapping requirements

****If the receiving system can dump the data they don't need, then they can have the standard transactions***

Determine Data Format

- User Defined Formats (UDF) or Electronic Data Interchange (EDI)
 - If a system chooses to send or receive the Defense Logistics Management System (DLMS) compliant EDI data sets with no mediation, GEX will only have to provide a routing service to route the data to/from the interface partner's site
 - This will significantly reduce the time and cost to integrate with WAWF
 - There will be no cost for the interface partner
 - The prioritization for such systems will be first in, first out (FIFO)
 - For systems that cannot send or receive the DLMS compliant EDI set, GEX mediation will be required, which will incur a cost
 - The requirement for this type of system interface will be processed in a 90-day cycle
- XML Schema for Standard Data Sets
 - Newer systems may be able to receive and send data via the DLMS compliant ebXML schemas
 - In this case, no system-specific mapping will be needed. GEX will exchange data directly with the external system using compliant XML schema transactions



Complete the ICA Between the Component CIO and BTA

- Tiered Accountability Drives Completion of ICA
 - The Department of Defense's (DoD's) approach to business transformation relies on accountability at multiple tiers of the organization
 - Responsibilities are aligned with the decentralized management structure of the Department so that accountability for the planning and execution of systems modernization between the DoD enterprise and the Components have been clearly defined
 - Component-level business transformation is the responsibility of the respective Component leadership
- Completion of ICA
 - Employing the concept of tiered accountability within data management is essential to ensure that components continue to maintain responsibility for their systems and data
 - This tiered accountability can be governed through use of an Interface Control Agreement (ICA) between leadership for functional and technical requirements and the component Chief Information Officer (CIOs) or designee, in accordance with the proposed Defense Sourcing Portfolio (DSP) governance structure
 - This ICA will describe the component level responsibility in determining which systems under their purview will make use of standard data sets across the DoD
 - Through the ICA, the component must also designate an official to make the go/no-go decision for production once testing has been completed

Complete part 2 of the DSP ECP Form

- Once the data content and format has been completed (steps 7-8 above), system personnel should complete the Part 2 of the DSP ECP form
- Part 2 of the ECP form addresses data element needs

Part II

Section 9 Data Elements			
30. Is this ECP for a standard transaction being sent as a workflow or informational transaction?	Yes	No	If workflow transactions, please explain:
	<input type="checkbox"/>	<input type="checkbox"/>	If informational transactions, please explain:
31. Is this ECP for Evidence of Goods Tendered / Services Rendered data?	Yes	No	If yes, please explain:
	<input type="checkbox"/>	<input type="checkbox"/>	
32. Is this ECP for Acceptance Evidence data?	Yes	No	If yes, please explain:
	<input type="checkbox"/>	<input type="checkbox"/>	
33. Is this ECP to provide External Acceptance Evidence data?	Yes	No	If yes, please explain:
	<input type="checkbox"/>	<input type="checkbox"/>	
34. Is this ECP for Standard Invoice data?	Yes	No	If yes, please explain:
	<input type="checkbox"/>	<input type="checkbox"/>	
35. Is this ECP to provide Standard Contract data?	Yes	No	If yes, please explain:
	<input type="checkbox"/>	<input type="checkbox"/>	

Coordinate Testing and Release Schedules

- Systems planning to receive standard transactions will do so through the GEX requirements process
- Testing with WAWF and/or EDA will also be required
- Testing will be facilitated by the Joint Interoperability Testing Command (JITC). There are 6 steps which must be completed:
 1. Interface Partner opens a ticket with Ogden Help Desk for system access
 2. JITC sets up WAWF user profiles
 3. Identify connectivity requirements for testing and/or production access
 4. Interface Partners must review the subset of test conditions for the standard transactions being requested and identify what will be tested*
 5. JITC coordinates with the Interface Partner to schedule a testing timeframe.
 6. Once testing has been completed, JITC will notify Ogden requesting Standard Profile Setup and connection requirements to be set up between the interface partner and the GEX Production environment
- All Problem Reports (PRs) generated during testing must be addressed prior to implementation in Production

*Please note that steps 2-4 can be completed simultaneously in the duration of 2 weeks

Implementation in Production

- Final ICA designates the authority to make the Go/No Go decision for implementation
- Go/No Go meeting is scheduled to include the GEX PM, WAWF PM, Interface Partner PM, BTA TP&R and the EDA PM (if applicable)
- Written confirmation of Go/No Go decision is required from the Interface Partner

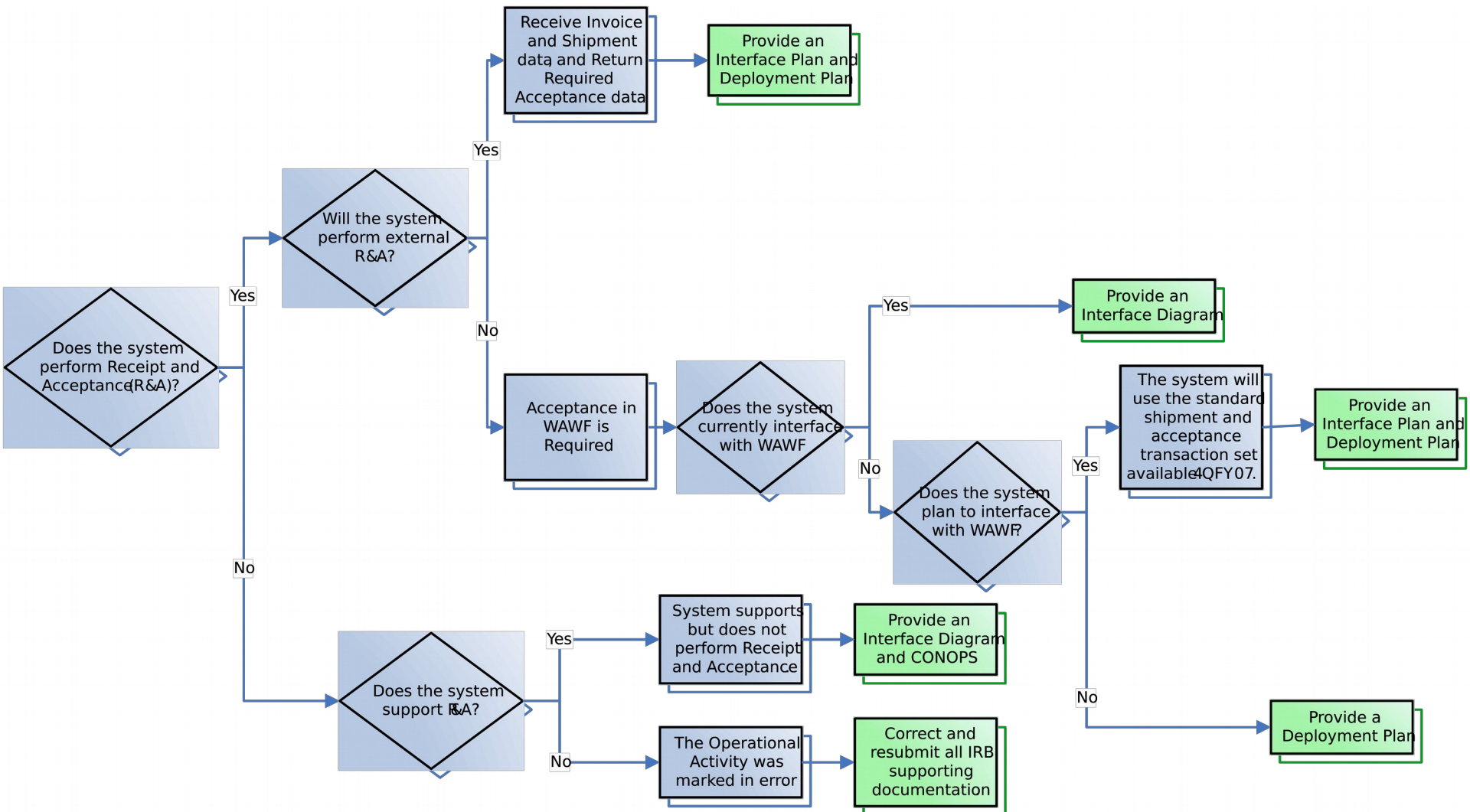
Receipt and Acceptance Policy

- The Operational Activity A3324 “Manage Receipt and Acceptance” links to the following policy:
 - Defense Federal Acquisition Regulation Supplement (DFARS) Clause 252.232-7003
 - Requires vendors to submit invoices electronically via WAWF, WInS or EDI
 - DCMA, with OSD support, has written and released for comment a change that would preclude WINS and EDI as options
 - IUID and RFID Requirements
 - Requires vendors to submit shipment notices with IUID and RFID data electronically via WAWF unless it is not available

The Receipt and Acceptance IRB Condition

- Operational Activity A3324 “Manage Receipt and Acceptance”
- Submit to the WSLM/MSSM IRB, via its PCA, NLT 120 days from the date of the signed DBSMC memo:
 - An assessment as to whether the system performs acceptance activities for unclassified Federal Acquisition Regulation (FAR)-based contracts/orders
 1. If the system does perform acceptance activities, the system must submit to the IRB its plan and implementation dates for either:
 - a) Migrating acceptance functions to WAWF with the option of receiving acceptance data and or accounting data
 - b) Interfacing with WAWF to receive shipment data and return acceptance information
 2. If the system does not perform acceptance activities, the system must assert in the assessment that the system either:
 - a) Supports receipt and acceptance activities, but does not perform receipt and acceptance activities
 - b) Does not perform or support receipt and acceptance activities and was marked in error
 3. Deployment Plans, Interface Plans, and Support Function Plans will be submitted if applicable, based on scope of acceptance activities documented in 1 and 2

How Do Systems Comply?



What is required for Compliance?

- To submit an interface plan, a system must:
 - Review data content for standard transaction sets and determine which data elements are needed and at what point in the process (Ex: Shipment, Destination Acceptance, etc.).
 - Review data which is required to submit to WAWF upon external acceptance.
 - Then, the system must meet with Global Exchange (GEX) to determine the appropriate routing for the transactions, and provide funding for mapping.
- To submit a deployment plan, a system must provide:
 - An Estimated Number of users over time
 - A timeline or schedule of Critical Dependencies
- To provide justification for Operational Activity support, provide:
 - An Interface Diagram
 - A copy of the System Concept of Operations (CONOPS)
- Post completed plans to the Investment Review Board Portal
 - <https://portal.acq.osd.mil/portal/server.pt>

DFARS Regulation: Highlights

- Contractors submit payment requests using one of the following electronic forms:
 1. Wide Area WorkFlow-Receipt and Acceptance (WAWF-RA).
 2. Web Invoicing System (WInS).
 3. American National Standards Institute (ANSI) X.12 electronic data interchange (EDI) formats.
- The full text of the clause can be found in backup and at:
http://farsite.hill.af.mil/archive/dfars/dcn20060814/dfars252_232.htm#P62_2307
- DCMA, with OSD support, is in the process of writing a change that would preclude WINS and EDI as options – currently out for public comment

RFID and IUID Regulations

WAWF is required to capture IUID and RFID data from the vendor.

1. RFID data capture through the Advance Shipment Notice (ASN): The RFID mandate requires that all vendors who are contractually obligated to affix passive RFID tags to material must also send an ASN via WAWF.
 - http://www.acq.osd.mil/log/rfid/advance_shipment_ntc.htm
2. IUID data capture through WAWF: Utilization of the WAWF Receiving Report (RR) and the WAWF Combo to capture the IUID data is annotated in the enhanced Vendor guides. Direct submission is defined as the process of submitting IUID data outside of the WAWF process. It should be used to provide IUID data to the IUID registry only when WAWF is not available.
 - <http://www.acq.osd.mil/dpap/UID/DataSubmission.htm#HowWAWF>
3. The IUID policy website is:
 - <http://www.acq.osd.mil/dpap/UID/policy.htm>